

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/568,235
Source: IFWO
Date Processed by STIC: 10-25-2006

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/568,235

DATE: 10/25/2006

TIME: 13:18:27

Input Set : N:\Crf3\RULE60\10568235.raw
 Output Set: N:\CRF4\10252006\J568235.raw

1 <110> APPLICANT: St. Jude Children's Reserach Hospital
 2 Geiger, Terrence
 3 <120> TITLE OF INVENTION: Chimeric Receptor With Disrupted Dileucine Motifs
 4 <130> FILE REFERENCE: SJ-03-0016
 5 <140> CURRENT APPLICATION NUMBER: US/10/568,235
 6 <141> CURRENT FILING DATE: 2006-02-14
 7 <150> PRIOR APPLICATION NUMBER: US/60/496,449
 8 <151> PRIOR FILING DATE: 2003-08-20
 9 <160> NUMBER OF SEQ ID NOS: 14
 10 <170> SOFTWARE: PatentIn version 3.2
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 5
 14 <212> TYPE: PRT
 15 <213> ORGANISM: Artificial
 16 <220> FEATURE:
 17 <223> OTHER INFORMATION: Dileucine Motif
 18 <220> FEATURE:
 19 <221> NAME/KEY: MISC_FEATURE
 20 <222> LOCATION: (2)..(3)
 21 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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 24 1 5
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 29 <213> ORGANISM: Artificial
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Dileucine Motif
 32 <220> FEATURE:
 33 <221> NAME/KEY: MISC_FEATURE
 34 <222> LOCATION: (2)..(4)
 35 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
 36 <400> SEQUENCE: 2
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 38 1 5
 40 <210> SEQ ID NO: 3
 41 <211> LENGTH: 6
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Artificial
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Dileucine Motif
 46 <220> FEATURE:

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47 <221> NAME/KEY: MISC_FEATURE
48 <222> LOCATION: (2)..(4)
49 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
50 <400> SEQUENCE: 3
W--> 51 Glu Xaa Xaa Xaa Leu Leu
52 1 5
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 6
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Dileucine Motif
60 <220> FEATURE:
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62 <222> LOCATION: (2)..(4)
63 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
64 <400> SEQUENCE: 4
W--> 65 Asp Xaa Xaa Xaa Leu Ile
66 1 5
68 <210> SEQ ID NO: 5
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70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial
72 <220> FEATURE:
73 <223> OTHER INFORMATION: Dileucine Motif
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75 <221> NAME/KEY: MISC_FEATURE
76 <222> LOCATION: (2)..(4)
77 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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80 1 5
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86 <220> FEATURE:
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88 <220> FEATURE:
89 <221> NAME/KEY: MISC_FEATURE
90 <222> LOCATION: (2)..(3)
91 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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W--> 93 Arg Xaa Xaa Leu Leu
94 1 5
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97 <211> LENGTH: 5
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial

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Input Set : N:\Crf3\RULE60\10568235.raw
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100 <220> FEATURE:
101 <223> OTHER INFORMATION: Dileucine Motif
102 <220> FEATURE:
103 <221> NAME/KEY: MISC_FEATURE
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105 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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111 <211> LENGTH: 7
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113 <213> ORGANISM: Mus musculus
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118 <210> SEQ ID NO: 9
119 <211> LENGTH: 7
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141 <223> OTHER INFORMATION: IRAP Dileucine Motif
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146 <210> SEQ ID NO: 12
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148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: VAMP4 Dileucine Motif
152 <400> SEQUENCE: 12
153 Ser Glu Arg Arg Asn Leu Leu

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Input Set : N:\Crf3\RULE60\10568235.raw
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154 1 5
156 <210> SEQ ID NO: 13
157 <211> LENGTH: 6
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial
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162 <220> FEATURE:
163 <221> NAME/KEY: MISC_FEATURE
164 <222> LOCATION: (2)..(4)
165 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
166 <400> SEQUENCE: 13
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168 1 5
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 6
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174 <220> FEATURE:
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176 <220> FEATURE:
177 <221> NAME/KEY: MISC_FEATURE
178 <222> LOCATION: (2)..(4)
179 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
180 <400> SEQUENCE: 14
W--> 181 Arg Xaa Xaa Xaa Leu Ile
182 1 5

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/25/2006
PATENT APPLICATION: US/10/568,235 TIME: 13:18:28

Input Set : N:\Crf3\RULE60\10568235.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3
Seq#:2; Xaa Pos. 2,3,4
Seq#:3; Xaa Pos. 2,3,4
Seq#:4; Xaa Pos. 2,3,4
Seq#:5; Xaa Pos. 2,3,4
Seq#:6; Xaa Pos. 2,3
Seq#:7; Xaa Pos. 2,3
Seq#:13; Xaa Pos. 2,3,4
Seq#:14; Xaa Pos. 2,3,4

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,10,11,12,13,14

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10568235.raw

Output Set: N:\CRF4\10252006\J568235.raw

L:23 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:65 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0